

- N.B.** (1) Question No. 1 is **compulsory**.  
(2) **Attempt any three** questions from remaining **four** questions.  
(3) **Figures to the right** indicate full **marks**.

1. (a) Explain the mechanism of action of (any **two**) :— 6
    - (i) High ceiling diuretics
    - (ii) Amrinone
    - (iii) Simvastatin.
  
  - (b) Classify Sympatholytic drugs according to their mechanism of action and discuss 5  
the therapeutic role of any one class in detail.
  
  2. Give therapeutic classification of Anticholinergic drugs. Discuss the pharmacology 8  
of Atropine.
  
  3. Classify Antiarrhythmic drugs. Explain in detail the mechanism of action of each class. 8
  
  4. Classify drugs acting on Renin-Angiotensin-Aldosterone System. Discuss their role 8  
as Antihypertensive drugs.
  
  5. (a) Discuss the therapeutic uses of Neostigmine. 4
  
  - (b) Give an account of cardioselective  $\beta$  blockers. 4
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